






Work Order ID 52645





Page 1

October 5, 2009 2:49:55 PM


Item ID: D2438 Accept  Setup Start 
 Revision ID: C Stop 
 Item Name: Clamp
 Start Date: 06/10/2009 Start Qty: 200.00  Cust Item ID:
 Required Date: 13/10/2009 Req'd Qty: 200.00  Customer:

Reference:


Approvals: Process Plan: RL Date: 09/10/09 Tooling: _____ Date: _____
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start 
 Stop 


Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D2438	Rev C								

100  PURCHASING 0.00
 Purchasing Memo 0.00
 Purchasing Issue P/O: 10533 ☐ Laser cut as per Dwg D2438 ☐ Material release note is required

RL 09-10-6

110  Receive & Inspect for Damage & Mat'l Certs 0.00
 Packaging Memo 0.00
 Packaging Ensure Material Release Note is attached

09/14/09 (200)

120  QC6- Inspect dimensions to drawing 0.00
 QC Memo 0.00
 Quality Control (6.786" center to center)

2) Sorubor
 ASPOLY

count
 (x200) 4

Work Order ID 52645

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Page 2

Item ID: D2438

Accept



Setup Start



Revision ID: C

Stop



Item Name: Clamp

Start Date: 06/10/2009 Start Qty: 200.00



Cust Item ID:

Required Date: 13/10/2009 Req'd Qty: 200.00



Customer:

Reference:

Run Start



Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

130

0.00



Small Fab

Small Fab

Memo

0.00

Small Fab

Tumble & Deburr any rough edges

NTS

B 9-11-3

140

0.00



QC5- Inspect part completeness to step on W/O

QC

Memo

0.00

Quality Control

→ S 6/11/03

count

(+20) /

150

0.00



Identify as per dwg & Stock Location: *406*

Packaging

Memo

0.00

Packaging

9/11/3

(200)

Work Order ID 52645

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Page 3

Item ID: D2438

Accept



Setup Start



Revision ID: C

Stop



Item Name: Clamp

Start Date: 06/10/2009 Start Qty: 200.00



Cust Item ID:

Required Date: 13/10/2009 Req'd Qty: 200.00



Customer:

Reference:

Run Start



Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

160

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

09/11/03

MF

09-11-03

Picklist Print

October 5, 2009 2:49:55 PM

Page 1

Work Order ID: 52645



Parent Item: D2438RevC



Parent Item Name: Clamp



Start Date: 06/10/2009

Required Date: 13/10/2009

Comments:

Start Qty: 200.00

Required Qty: 200.00

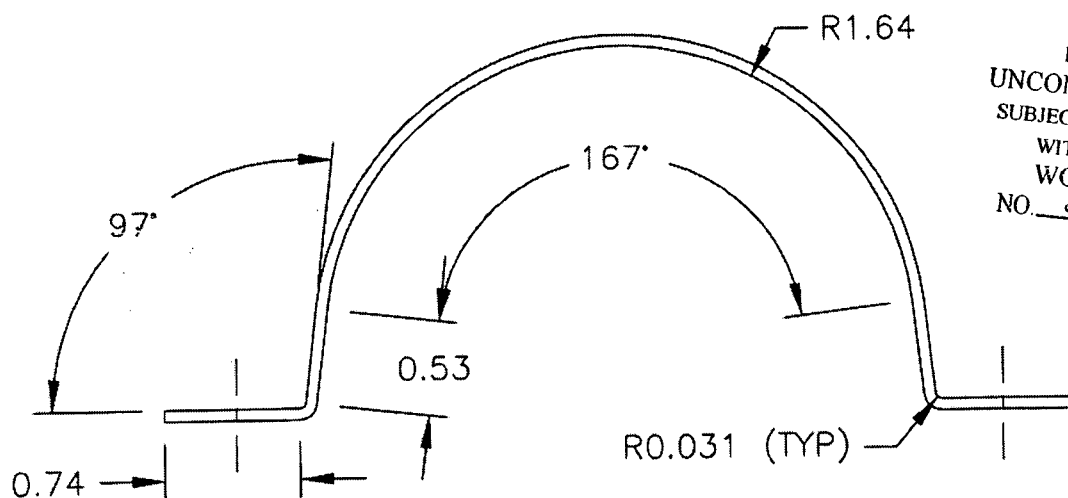
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D2438BRevC		Purchased	No			110	Each	0.0000	200.0000			
												
Clamp												

PC 9/14/29 (200)

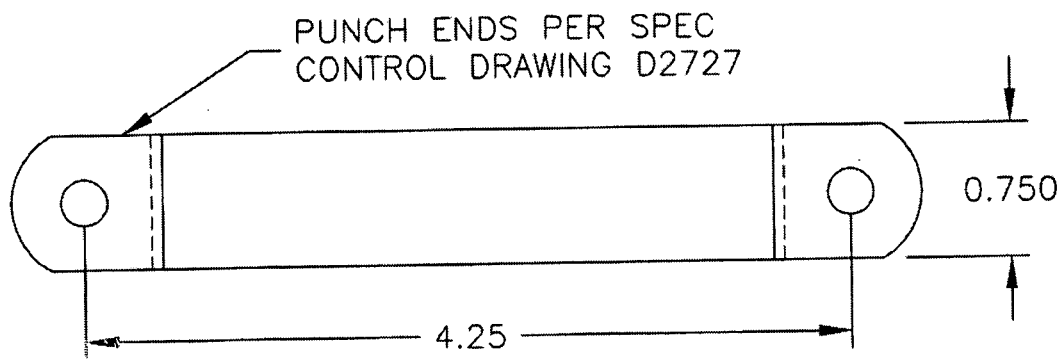


DESIGN <i>KE</i>	DRAWN BY <i>KE</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>MD</i>	APPROVED <i>CS</i>	DRAWING NO. D2438	REV. C SHEET 1 OF 1
DATE 98.05.12		TITLE CLAMP	SCALE 1:1
A	96.01.24	NEW ISSUE	
B	96.05.13	CHANGE LENGTH	
C	98.05.12	R1.64 WAS R1.438, CHANGE GEOMETRY	

RELEASED
98.06.17 KE



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 52645



FLAT LENGTH: 7.586 END-END
6.786 HOLE-HOLE

MATERIAL: AISI 304/316 SS 0.063 THICK

MINIMUM REQUIREMENT IS ANNEALED CONDITION

00.06.06
CP 00.06.07



180 AVENUE LABROSSE
POINTE-CLAIRE, QUÉ., CANADA H9R 1A1
TÉL.: (514) 630-4877 - FAX: (514) 630-4849

GFI est une division de Thomas & Betts Fabrication Inc. / GFI is a division of Thomas & Betts Manufacturing Inc.

EXPÉDIÉ À / SOLD TO

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON, K6A 1K7




BON DE LIVRAISON - SHIPPING MEMO

DATE DE LIVRAISON SHIPPING DATE	N° BON DE LIVRAISON SHIPPING MEMO NO.
2009/10/27	0426987

EXPÉDIÉ À / SHIPPED TO

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON, K6A 1K7

CODE DE CLIENT CUSTOMER CODE	N° DE CONTRAT JOB NO.	N° COMMANDE PO NO.	VIA SHIP VIA
DART GFI-0299	J0206331	PO10533	
QUANTITÉ QUANTITY	VOTRE N° DE PIÈCE YOUR PART NO.	DESCRIPTION	
200	D2438B	CLAMP CUT&FORMED CERTIFICATE OF CONFORMANCE REQ RELEASED ON CO # 205742 MFG. JOB # <u>J0205742-01 QTY 200</u>  <i>S. Orlowski</i>	

TOUTES LES RÉCLAMATIONS DOIVENT ÊTRE FAITES EN DEDANS DE 5 JOURS DE LA RÉCEPTION
ALL CLAIMS MUST BE MADE WITHIN 5 DAYS OF RECEIPT OF GOODS.

RECU PAR / RECEIVED BY

CERTIFICATE OF COMPLIANCE
CERTIFICAT DE CONFORMITE



Membre de / A Member of **Thomas & Betts**

180 LABROSSE AVENUE
POINTE CLAIRE, QC
H9R 1A1

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7

CERTIFICATE NO. 21 OUR JOB NO J0205742 SHIPPING MEMO 0426958

ITEM	QUANTITY	PURCHASE ORDER	PART NUMBER	REV	NAME	DWG ISSUE
-	200 PCS	PO10533	D2438B	C	CLAMP	C

MATERIAL S.S.T 304 SUPPLIED BY TW METALS / ALLEGHENY LUDLUM MAT. REL. NO. 828977

	PROCESS	PROCESSOR	RELEASE NOTE #
1	FIRST ARTICLE INSPECTION REPORT ON FILE	GFI	CONFORMS
2	REF. GFI MANUFACTURING JOB NUMBER J0205742-01 (200 PCS)		
3			
4			
5			
6			
7			
8			
9			

WE HEREBY CERTIFY ALL THE PARTS COVERED BY THIS CERTIFICATE HAVE BEEN MANUFACTURED FROM MATERIAL SUPPLIED ON RELEASE NOTE SHOWN ABOVE AND THAT ALL PARTS HAVE BEEN INDIVIDUALLY INSPECTED AND CONFORM TO THE DRAWINGS AND PURCHASE ORDER REFERENCED ABOVE.

DATE 27 OCTOBER 2009

G.F.I. Q.C. REP. Carole H. H. H.



DP12-001 REV 0 Bombardier Certificate of Compliance
TW Metals District Procedure

Revision 0

Revision Date 04-03-00

Superseding Initial

Page 1 of 1

CERTIFICATE OF COMPLIANCE

FRAUD AND FALSIFICATION STATEMENT

The recording of false, fictitious, or fraudulent statements or entries on this document may be punished as a felony under federal statutes including federal law Title 18 chapter 47

CERTIFICATE OF COMPLIANCE

This certificate of compliance certifies that the material supplied on the purchase order number below complies in all respects with the material description and procurement specifications

MERCURY FREE STATEMENT

We certify that mercury, radium, or alpha bearing instruments and / or equipment which might cause contamination have not been used in the manufacture, fabrication, assembly or testing of any material supplied by TW Metals Inc. Switches, glass thermometers, standard cell and other items containing the above elements may be used, but they will be located so as not to constitute a contamination hazard

CUSTOMER NAME

GFI

PURCHASE ORDER No

0075846

ITEM No

0001

SHIPPER INVOICE No

03251327

MATERIAL

304-5/5 Sheet

SPECIFICATION

Ams 2248F

MANUFACTURING MILL

ATI Allegheny Ludlum

SIZE

0625

HEAT / LOT No

828977

PART No

TSD6348X964A

QUANTITY

2EA

TEST DEPARTMENT CLERK

Amy Davis

AUTHORITY

Joe Schab

Director of Quality Assurance

8/10/09

This document is maintained as a Controlled Document only in the TW Metals computer system. Once printed, this document immediately becomes Uncontrolled and is subject to change at any time and without notice

NOTICE OF SHIPMENT/
PACKING LIST



CERTIFICATE OF TEST

AL 6150-3 008

LAST ORDER NO. & DATE 01014169	DATE CODE 04/02/09	SHIP CODE 110977	ACCEPTING MILL VANDERGRIFF, PA.	SHIPPER NO. 423467	PRODUCT CODE 13020102060000	MIL ORDER NUMBER 30-049-021	DATE SHIPPED 06/22/09
FORMS DISTRIBUTION 1 1 1 1	REPEAT ORDER 82037-4	DO NOT CONTRACT 26	PRIME SEC. DSO DSO 584	1124	VANDERGRIFF	PA	657053

GRADE AND SPECIFICATIONS
ALLEGHENY STAINLESS STEEL TYPE 304 SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302 LCR) (AMS 2248F) (AMS 5511H) (AMS 5513H) (AMS 5516P) (ASTM-A-262-02A PRA E/SCREEN PRA A) (ASTM-A-666-03) (8-400 DTD 10/31/07) (ASTM-A-240-08A) (8-1000 DATED 1/2/08) (ASME-SA-240-07) (10/22/08 EXCEPT UPM 304L/304/302) (UNS S30403) (UNS S30200) (UNS S30400) (UPM-QR8-001) (PMA 300 REV BH) (F-14, F-17, F-22, P-23, F-MASTER) (CONTROLLED TO PMA LCR REQUIREMENTS)

CARRIER - CLAY TRANSPORT, INC.

ITEM PCS DIMENSIONS W/O/L	HEAT #	COIL #	TEST #	GROSS TARE NET	THRO	TAG #/ CD SKID #
001 1 48. / .062/2068. C CUST IDENTITY 00640 1 SKID	828977	05279N661	8761980	21355 50 21305	645303	
				21355 50 21305		

TYPE HEAT/TEST	--C--	--MN--	--P--	--S--	--BI--	--CR--	--NI--	--MO--	--CU--	--N--
HEAT 828977	.020	1.76	.032	.0001	.43	18.37	8.12	.40	.43	.07
CHECK 8761849	.020	1.78	.033	.0002	.43	18.46	8.14	.41	.44	.06

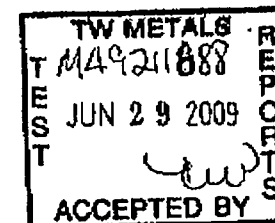
ITEM TEST NO	YIELD PSI *	TENSILE RST	% ELONG IN 2"	% R/A	HARDNESS 83.HRBW	BEND T PASS	CORROSION A 262 PR B PASS	GRAIN SIZE 7.
001 8761980	T 41700.	95000.	75.		80.HRBW			
	* Y.S. BY 0.2% OFFSET METHOD							

ITEM TEST NO	MELT SOURCE	PEW E-2b TRAN BEND
001 8761980	1.	2.

METALLOGRAPHIC MAGNIFICATION: 100X ETCHANT USED: OXALIC ACID

GRADE VERIFICATION WAS CARRIED OUT SPECTROSCOPICALLY

REVIEWED BY Q.C.
Date 6/23/09 by JS



PAGE 01 - CONTINUED ON PAGE 02

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06/22/09 09:48:07
The above is a true copy of the test results. The material and test results are the property of Allegheny Ludlum. It is to be used only for the purpose for which it was prepared and is not to be distributed outside the organization to which it was prepared. If you are not an employee of Allegheny Ludlum, you are not to use this information for any purpose. If you are an employee of Allegheny Ludlum, you are not to use this information for any purpose other than the purpose for which it was prepared. If you are an employee of Allegheny Ludlum, you are not to use this information for any purpose other than the purpose for which it was prepared.



CERTIFICATE OF TEST

AL 87-13-1 PDE

CUBI, ORQ HQ 6 CUTE

01014169

POPULATION DISTRIBUTION		
1960	1970	1980

04/02/09

QUEST, C006

11097

ACADEMICALLY

VANDERGRIFF, PA

BUKUPPER NO

1. 42346

PRODUCT CODE

13020102060000

PG.1, CRITERIA: DELIVERED

130-049-021
LOCATION

DATE DIPPED _____

106/22/09
PAPYRUS

657053

GRADE AND SPECIFICATIONS

GRADE AND SPECIFICATIONS
ALLEGHENY STAINLESS STEEL TYPE 304 SHEET C R COILS ANNEALED 2B FIN 3 RDE (UPM 304L/304/302 LCS) (AMS 2248P) (AMS 5511H) (AMS 5513H) (AMS 5516P) (ASTM-A-262-02A PRA E/SCREEN PRA A) (ASTM-A-665-03) (S-400 DTD 10/31/07) (ASTM-A-240-08A) (S-1000 DATED 1/2/08) (ASME-SA-240-07) (10/22/08 EXCEPT UPM 304L/304/302) (UNS S30403) (UNS S30200) (UNS S30400) (UPK-QRS-001) (PWA 300 REV BH) (F-14, F-17, F-22, F-23, F-MASTER) (CONTROLLED TO PWA LCS REQUIREMENTS)

CARRIER - CLAY TRANSPORT, INC.

AUSTENITIC STAINLESS STEELS ARE SOLUTION ANNEALED AT 1900 DEGREES FAHRENHEIT MINIMUM (1038 C) AND RAPIDLY COOLED TO DEVELOP THE SPECIFIED PROPERTIES. EVIDENCE OF CONFORMANCE IS PROVIDED BY THE ABILITY OF THE MATERIAL TO MEET THESE SPECIFIED MECHANICAL AND CORROSION REQUIREMENTS

ALLEGHENY LUMBER DOES NOT USE MERCURY IN THE TESTING OR PRODUCTION OF ITS PRODUCTS. TO THE BEST OF ALLEGHENY LUMBER'S KNOWLEDGE, UNDERSTANDING, AND BELIEF, THIS MATERIAL WAS NOT CONTAMINATED BY MERCURY WHILE IT WAS BEING PRODUCED IN OUR FACILITIES.

NO WELDS/WELD REPAIRS PERFORMED.

THE NUMERIC CODES SHOWN UNDER MELT SOURCE CAN BE INTERPRETED AS FOLLOWS:

- IC CODES SHOWN UNDER MELT SOURCE CAN BE INTERPRETED AS FOLLOWS:
1. - MATERIAL MELTED AND ROLLED IN THE UNITED STATES AND COMPLIES WITH DFARS EDITION 1998, SECTION 252.225-7014
 2. - FOREIGN MELT AND ROLLED IN THE UNITED STATES

TW METALS
TEST #149211688
JUN 29 2009
ACCEPTED BY

PAGE 02 - CONTINUED ON PAGE 03

06/22/09 09:48:07

CONCLUSIONS. - Police State - This pamphlet was turned over to certain in line chess operators, being correctly noted, to effect their own policies in the line of change from present system. For your information please forwarded attached as follows. If any further information is required, please a full description needs to be forwarded. A full description needs to be forwarded.

National Safety Data Bureau is the source for the information provided in this report. For an additional copy, please call 1-800-451-7872. CAUTION: This report is for informational purposes only. It is not intended to be used for any other purpose. The National Safety Data Bureau is not responsible for any misuse of this information.

Les autres circulations d'écrits ou de produits ont été trouvés à votre connaissance d'après des sources. Pour obtenir des renseignements complémentaires veuillez téléphoner au numéro suivant 724-224-8677. Attention les renseignements traités en confidence ne seront pas divulgués au public.

I am pleased to advise you that the proposed and pending contracts to the state of Georgia and approximately 65 other states in the country will be completed by the end of the year.

Very truly yours,
 [Signature]
 Director, Contracting Division

AL 81-69-3406

06/22/09 09:48:07

[illegible]

Material Safety Data Sheets for this product have been
submitted to your Purchasing Department. For the nearest copy,
phone 754-238-8377. CAUTION: Flammable and irritant
hazards, some of which may cause lung disease. See Material
Safety Data Sheets for further information.

Les deux d'industries, et d'un
système d'exploitation. Pour ce
système d'exploitation, on a vu
beaucoup d'articles, la production
de données, les données de production
et les données de production.

The above is a true copy as made on file. The undersigned certifies
 that the contents of the above statement are true and correct.

Tracy McFarland
 Director, Division of State Lands

NOTICE OF SHIPMENT/
PACKING LIST

CERTIFICATE OF TEST

AL 8888 800

CUST. QTY. NO. & DATE	CUST. CODE	ADDRESS & CITY	SHIPMENT NO.	PRODUCT CODE	MILL CHECK NUMBER	DATE SHIPPED
01014169	04/02/09 110977	VANDERGRIFF, PA.	623467	13020102060000	30-049-021	06/22/09
POLE DISTRIBUTION	ADDITIONAL CODE	DATE	DATE	MILL	SUPPLEMENTAL	INVOICE
1	B2037-4	26		1124	VANDERGRIFF	PA 657053
	PRIME	SEC.				
	DSO	DSO				
	584					

GRADE AND SPECIFICATIONS
 ALLEGHENY STAINLESS STEEL TYPE 304 SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302 LCS) (AMS 2248F) (AMS 5511H) (AMS 5513H) (AMS 5516P) (ASTM-A-262-02A PRA F/SCREEN PRA A) (ASTM-A-666-03) (S-400 OTD 10/31/07) (ASTM-A-240-08A) (S-1000 DATED 1/2/08) (ASME-SA-240-07) (10/22/08 EXCEPT UPM 304L/304/302) (UNS S30403) (UNS S30200) (UNS S30400) (UPM-QRS-001) (PWA 300 REV BN) (F-14, F-17, F-22, F-23, F-MASTER) (CONTROLLED TO PWA LCS REQUIREMENTS)

CARRIER - CLAY TRANSPORT, INC.

ALLEGHENY LUDLUM PERFORMS CHEMICAL ANALYSIS BY THE FOLLOWING TECHNIQUES:
 C, S BY COMBUSTION/INFRARED
 N, O, H BY INERT FUSION/THERMAL CONDUCTIVITY
 MN, P, SI, CR, NI, MO, CU, CB, CO, V BY WDXRF
 B BY OES
 AL AND TI (>=0.10%) BY WDXRF. OTHERWISE BY OES
 PB, BI, AG BY GPAA

FINAL MECHANICAL TESTING PERFORMED BY NESTMORELAND MECHANICAL TESTING & RESEARCH, YOUNGSTOWN, PA (T7B69) GEAR S400 AND ISO/IEC 17025 APPROVED FACILITY.

MATERIAL MILLED AND ROLLED IN THE UNITED STATES AND COMPLIES WITH DFARS EDITION 1998, SECTION 252.225-7010

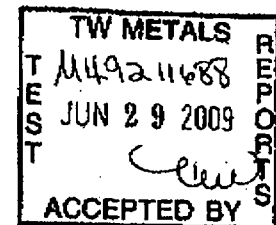
TEST >>>>>>>>
>>>>>>>>

Moor Metals Inc.
 Moor # M-14541
 Cust PO # M49211688
 Pt # 85913
 Alloy/Spec 304 ASTM A-240
 Quantity & Size 7946# .0625 x 48.00 x 120.00
 Mill Allegheny Ludlum
 Lot #/Heat # 828977
J. L. L. L.
 Authorized Signature

1009 14:16
TE DEPT.

It is the policy of this company to maintain the highest quality standards in the production of its products. This policy is based on the principle that the customer is the most important person in the company.

The quality of the product is the result of the quality of the materials and the quality of the process. This quality is maintained by the use of the best materials and the best process available.





Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO10533

Purchase Order Date 06/10/2009

PO Print Date 06/10/2009

Page Number 1 of 1

Order From :

VC-GFI001

GFI
180 AVENUE LABROSSE
POINTE CLAIRE, QC H9R 1A1
CA

Contact Name

Vendor Phone

514 630 4877

Vendor Fax

514 630 4849

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	D2438B C	Clamp	06/10/2009 Yes	200.00 Each	Yours ppd	\$10.0000	\$2,000.00

Special Inst: As per DWG 2438 Rev. C

PO Total:

\$2,000.00

FAXED
06-10-6

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

CERTIFICATE OF CONFORMITY
REQ'D UPON DELIVERY

Change Nbr:

1

Change Date: 06/10/2009

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable